

Attorney Docket No.: 5543P005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

J.J. Garcia-Luna Aceves, et al.

Application No.: 09/844,857

Filed: April 26, 2001

For: SYSTEM AND METHOD FOR USING
UNIFORM RESOURCE LOCATORS
TO MAP APPLICATION LAYER
CONTENT NAMES TO NETWORK
LAYER ANYCAST ADDRESSES

Examiner: Siddiqu, Mohammad A.

Art Unit: 2154

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

CROSS-REFERENCE UNDER
37 C.F.R. § 1.78(a)(2) TO RELATED APPLICATIONS

Sir:

Pursuant to 37 C.F.R. § 1.78(a)(2), applicants hereby cross-reference the following related patent applications, which is assigned to the same assignee as the present patent application:

EXPRESS MAIL STATEMENT

"Express Mail" mailing label number: EV567491680US

Date of Deposit: April 12, 2006

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Cathy A. Kerr

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Cathy A. Kerr

(Signature of person mailing paper or fee)

April 12, 2006

(Date Signed)

(a) U.S. Provisional Patent Application No. 60/200,404, entitled System and Method for Using a Mapping Between Client Addresses and Addresses of Caches to Support Content Delivery, filed April 28, 2000.

(b) U.S. Provisional Patent Application No. 60/200,401, entitled System and Method for Discovering Optimum Information Object Repositories in Computer Networks (WILD Protocol), filed April 28, 2000.

(c) U.S. Provisional Patent Application No. 60/200,511, entitled System and Method for Using URLs to Map Application Layer Content Names to Network Layer Anycast Addresses, filed April 28, 2000.

(d) U.S. Provisional Patent Application No. 60/200,402, entitled System and Method for Using Network Layer URL Routing to Locate the Closest Server Carrying Specific Content (NURL Routing), filed April 28, 2000.

(e) U.S. Provisional Application No. 60/200,403, entitled System and Method for Resolving Network Layer Anycast Addresses to Network Layer Unicast Addresses (AARP), filed April 28, 2000.

(f) U.S. Patent Application No. 09/810,148, entitled System and Method for Discovering Information Objects and Information Object Repositories in Computer Networks, filed March 15, 2001.

(g) U.S. Patent Application No. 09/843,789, entitled System and Method for Using a Mapping Between Client Addresses and Addresses of Caches to Support Content Delivery, filed April 26, 2001.

(h) U.S. Patent Application No. 09/844,759, System and Method for Resolving Network Layer Anycast Addresses to Network Layer Unicast Addresses, filed April 26, 2001.

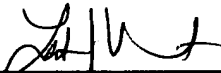
(i) U.S. Patent Application No. 09/844,856, System and Method for Using Network Layer Uniform Resource Locator Routing to Locate the Closest Server Carrying Specific Content, filed April 26, 2001.

If there are any charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: Apr 12, 2006



Lester J. Vincent
Reg. No. 31,460

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(403) 720-8300



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INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

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<u>Cathy A. Kerr</u>	(Typed or printed name of person mailing paper or fee)
<u>Cathy A. Kerr</u>	(Signature of person mailing paper or fee)
<u>April 12, 2006</u>	(Date Signed)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

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_____ A statement pursuant to 37 C.F.R. §1.97(e) or

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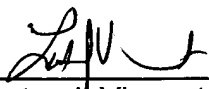
- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

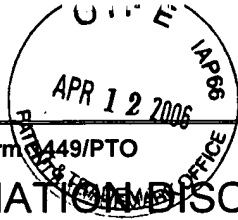
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Date: April 12, 2006



Lester J. Vincent
Reg. No. 31,460

12400 Wilshire Boulevard
Seventh Floor
Los Angeles, California 90025
(408) 720-8300



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/844,857
Filing Date	April 26, 2001
First Named Inventor:	J.J. Garcia-Luna-Aceves
Art Unit	2154
Examiner Name	Siddiqu, Mohammad A.
Attorney Docket Number	5543P005

Sheet

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of

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		J.D. Guyton and M.F. Schwartz, "Locating Nearby Copies of Replicated Internet Servers," Technical Report CU-CS-762-95, Department of Computer Science, University of Colorado-Boulder, February 1995.	
		A. Heddaya and S. Mirdad, "WebWave: Globally Load Balanced Fully Distributed Caching of Hot Published Documents," Proc. IEEE 17th International Conference on Distributed Computing Systems, Baltimore, Maryland, May 1997.	
		V. Valloppillil and J. Cohen, "Hierarchical HTTP Routing Protocol," Internet Draft, http://www.nlanr.net/Cache/ICP/draft-vinod-icp-traffic-dist-00.txt (April 21, 1997)	
		S. Gadde, M. Rabinovich, and J. Chase, "Reduce, reuse, recycle: An approach to building large Internet caches," in Proc. 6th Workshop Hot Topics in Operating Systems (HotOS-VI), Cape Cod, MA, May 1997, pp. 93-98.	
		C. Parsa and J.J. Garcia-Luna-Aceves, "Improving TCP Performance over Networks with Heterogeneous Transmission Media", Proc. IEEE ICNP 99 (1999)	
		Craig Partridge, Trevor Mendez, and Walter Milliken, "Host Anycasting Service," Network Working Group, RFC 1546 (November 1993)	
		PCT Notification of Transmittal of the International Search Report or the Declaration for PCT Counterpart Application No. PCT/US01/13834, 6 pgs. (March 18, 2002)	

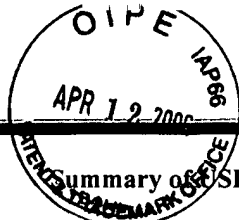
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Summary of SPTO Kind Codes Used on Documents Published Beginning January 2, 2001

WIPO ST.16 Kind Codes	Kind of document	Comments
A1	Patent Application Publication	Pre-grant publication available March 2001
A2	Patent Application Publication (Republication)	Pre-grant publication available March 2001
A9	Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
B1	Patent	No previously published pre-grant publication
B2	Patent	Having a previously published pre-grant publication and available March 2001
C1, C2, C3...	Reexamination Certificate	Previously used codes B1 and B2 are now used for granted Patents
E	Reissue Patent	No change
H	Statutory Invention Registration (SIR)	No change
P1	Plant Patent Application Publication	Pre-grant publication available March 2001
P2	Plant Patent	No previously published pre-grant publication
P3	Plant Patent	Having a previously published pre-grant publication and available March 2001
P4	Plant Patent Application Publication (Republication)	Pre-grant publication available after March 2001
P9	Plant Patent Application Publication (Corrected Publication)	Pre-grant publication available March 2001
S	Design Patent	No change